



# DISTRICT FIVE TRUCK PARKING STUDY

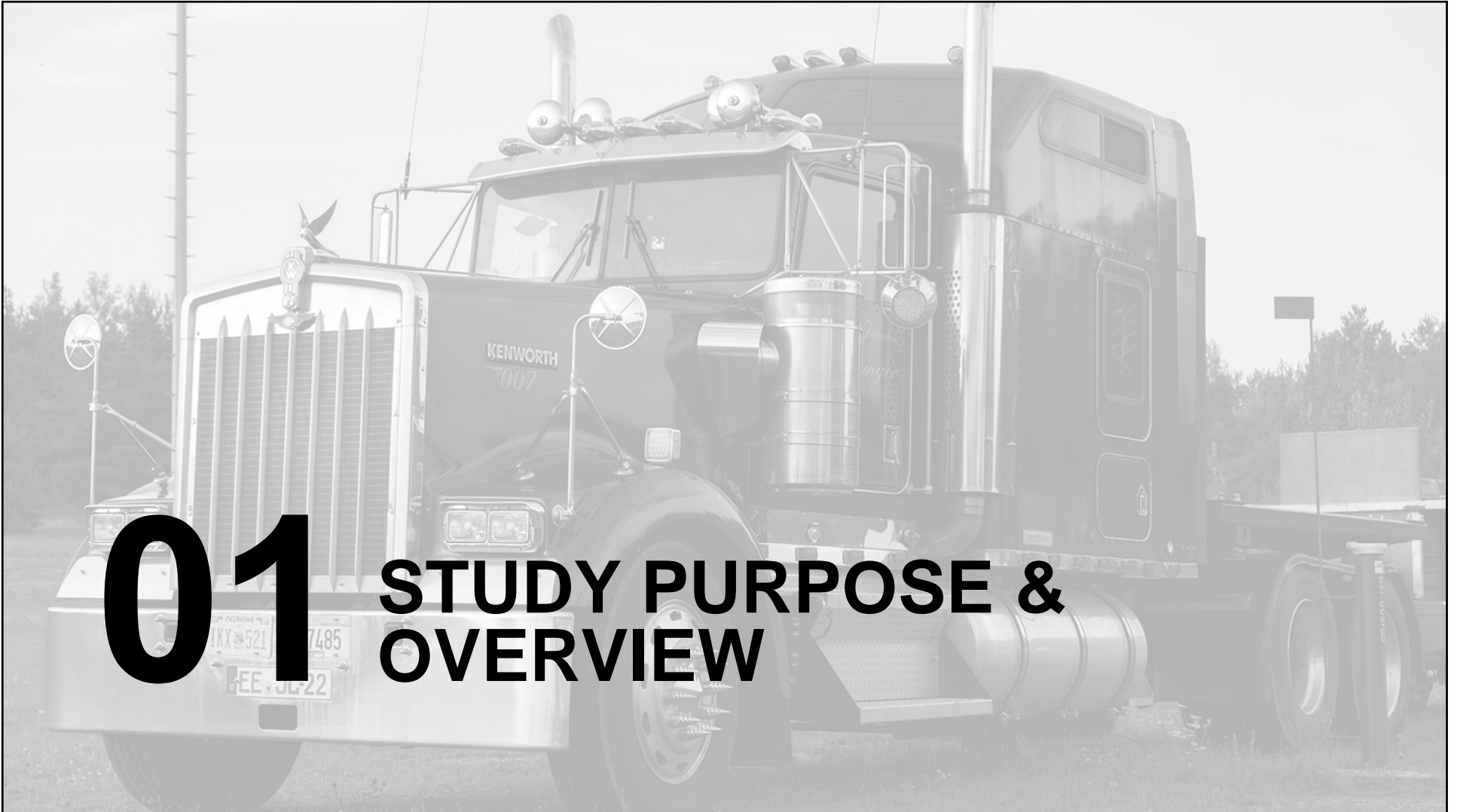
STATUS UPDATE & NEXT STEPS

Central Florida MPO Alliance  
January 19, 2018



- 01 STUDY PURPOSE & OVERVIEW
- 02 EXISTING TRUCK PARKING INVENTORY
- 03 STAKEHOLDER ENGAGEMENT STRATEGIES
- 04 DEMAND ESTIMATION APPROACH
- 05 NEXT STEPS





**01**

**STUDY PURPOSE &  
OVERVIEW**



# STUDY OVERVIEW

## Background & Need

- Truck parking is considered a national epidemic by the American Trucking Association (ATA)
- Statewide perception of shortage for truck parking, especially for long-haul carriers
- Projected growth in truck volumes are tied to economic growth of the State
- Rest area construction and closures bring a heightened awareness to the issue



# STUDY OVERVIEW

## Purpose

- Plan for growth of the State and Region
- Understand current and projected truck parking supply and demand
- Engage public and private sectors
- Identify and document truck parking challenges, opportunities, and solutions



# STUDY OVERVIEW

## Approach



Partner & Stakeholder  
Engagement



Document Sample  
Truck Parking Usage



Develop Inventory of  
Existing Truck Parking



Forecast Future  
Truck Parking Demands



Evaluate Truck Parking  
Supply & Demand



Identify Needs,  
Opportunities & Next Steps



**02**

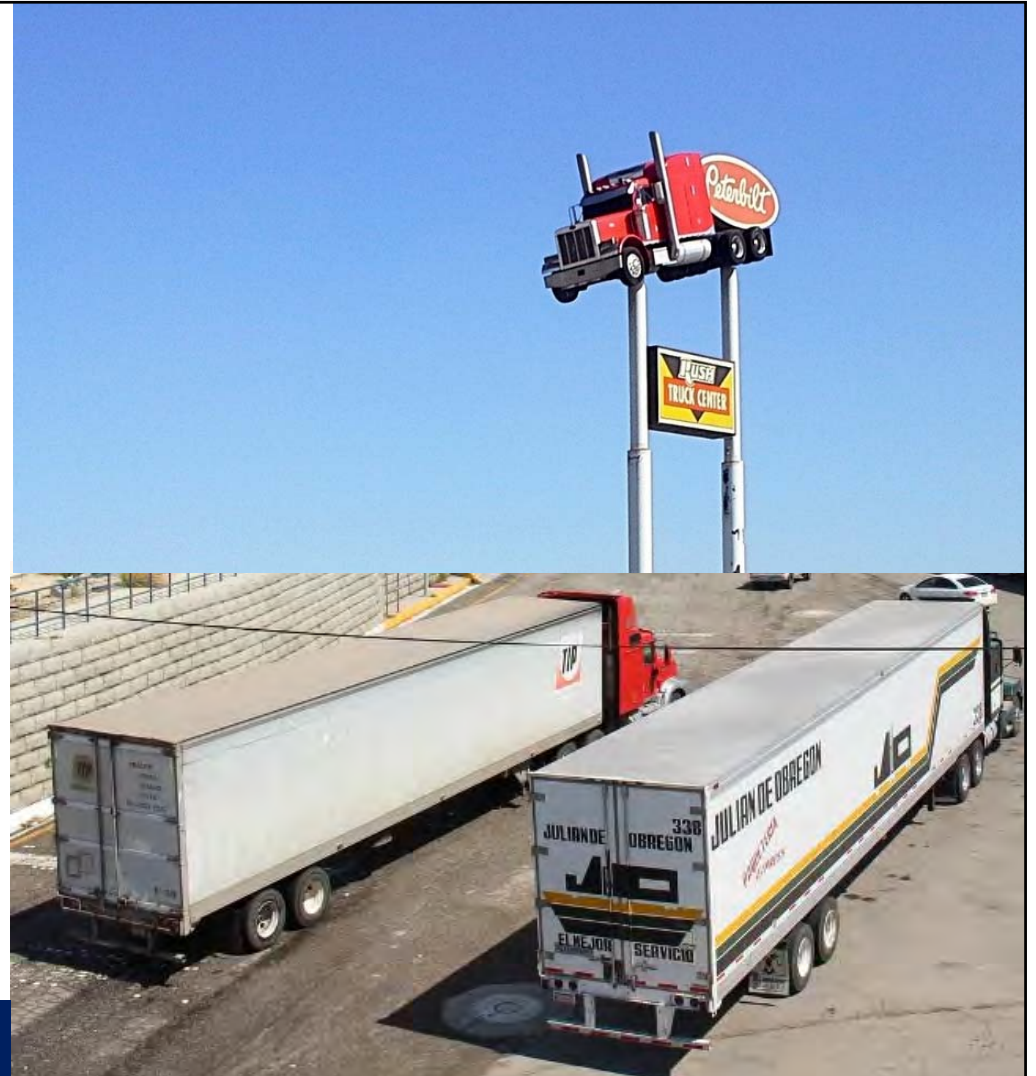
**EXISTING TRUCKING  
PARKING INVENTORY**



# EXISTING TRUCK PARKING INVENTORY

## Approach

- Foundation:
  - 2015 Jason's Law Survey Dataset
- Supplemented by:
  - Online research,
  - Review of aerial imagery, and
  - Phone discussions with site managers.

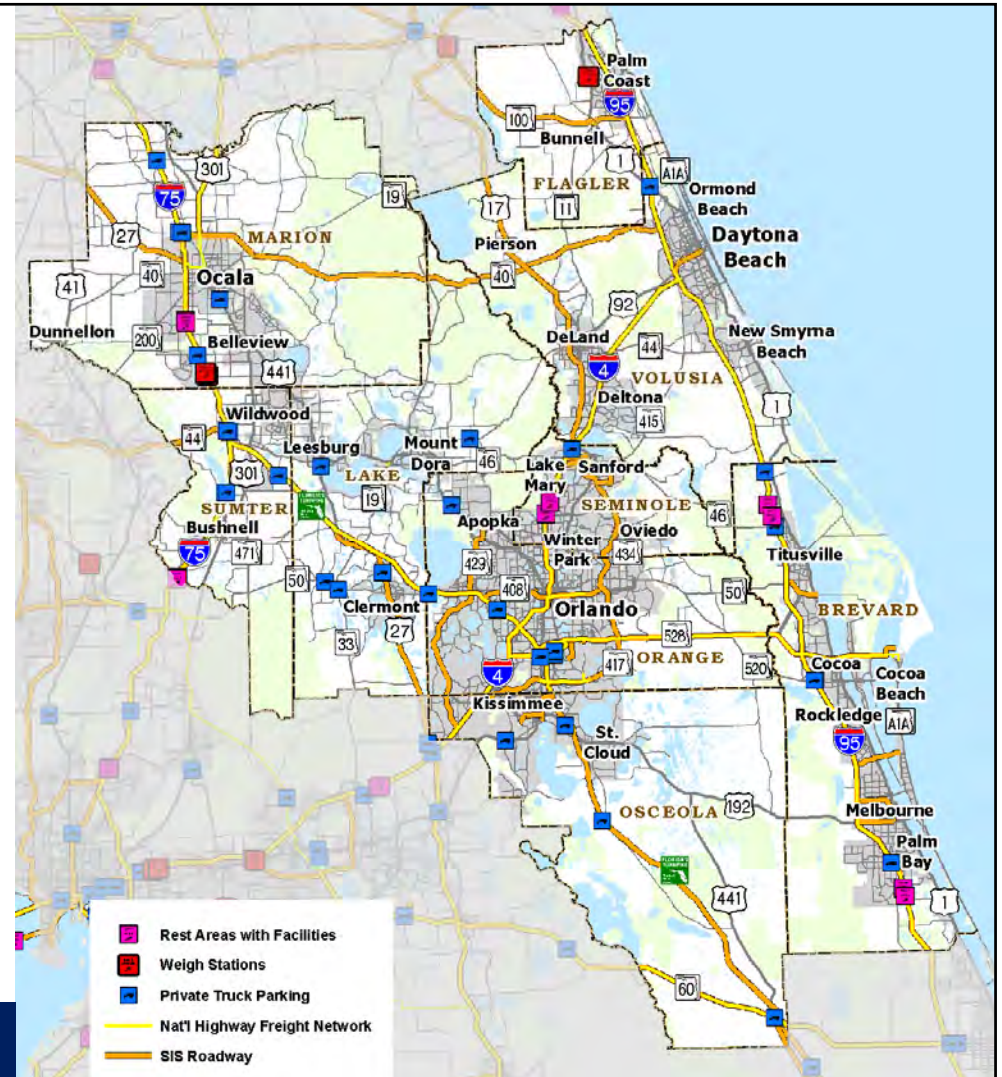




# EXISTING TRUCK PARKING INVENTORY

## Summary of Findings

- 9 Counties
- 49 Total Truck Parking locations
  - 17 Public Facilities with 652 Spaces
  - 32 Privately-Operated with 1,288 Spaces
- 1,940 Designated Truck Parking Spaces



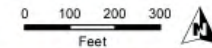
# EXISTING TRUCK PARKING INVENTORY

## Individual Location Profiles

- Information assembled for each location:
  - County Location
  - Area (City / Subarea)
  - Location Type (Public / Private)
  - Route (Interstate / Major Road)
  - Hours of Operation
  - # Truck Parking Spaces
  - # Total Parking Spaces
  - Amenities / Site Features
    - Restrooms, nighttime security, overnight parking, vending machines, picnic tables, pet walk area, etc.

I-95 Northbound Rest Area

4.6 Miles South of SR 514



County	Brevard
Area	Palm Bay West
Location Type	Public
Route	I-95 NB
Facility Type	Rest Area
Hours of Operation	24 hours per day
Truck Parking Spaces	60
Total Parking Spaces	153
Amenities	Restrooms, Handicap Facilities, Nighttime Security, Pet Walk Area, Picnic Tables, Vending Machines, Overnight Parking





**03**

**STAKEHOLDER  
ENGAGEMENT**



# STAKEHOLDER ENGAGEMENT

## Strategies

- Public Meetings
- Industry Consultation
- Planning Partner Coordination
- Online Survey







**04 TRUCK PARKING  
DEMAND ESTIMATION**

# TRUCK PARKING DEMAND ESTIMATION

- Identify State of the Practice Forecasting Methodology → FHWA Approach
- Assemble data and required demand estimation variables
- Update estimation parameters and conduct sensitivity analysis
- Report probabilistic findings for existing and future years

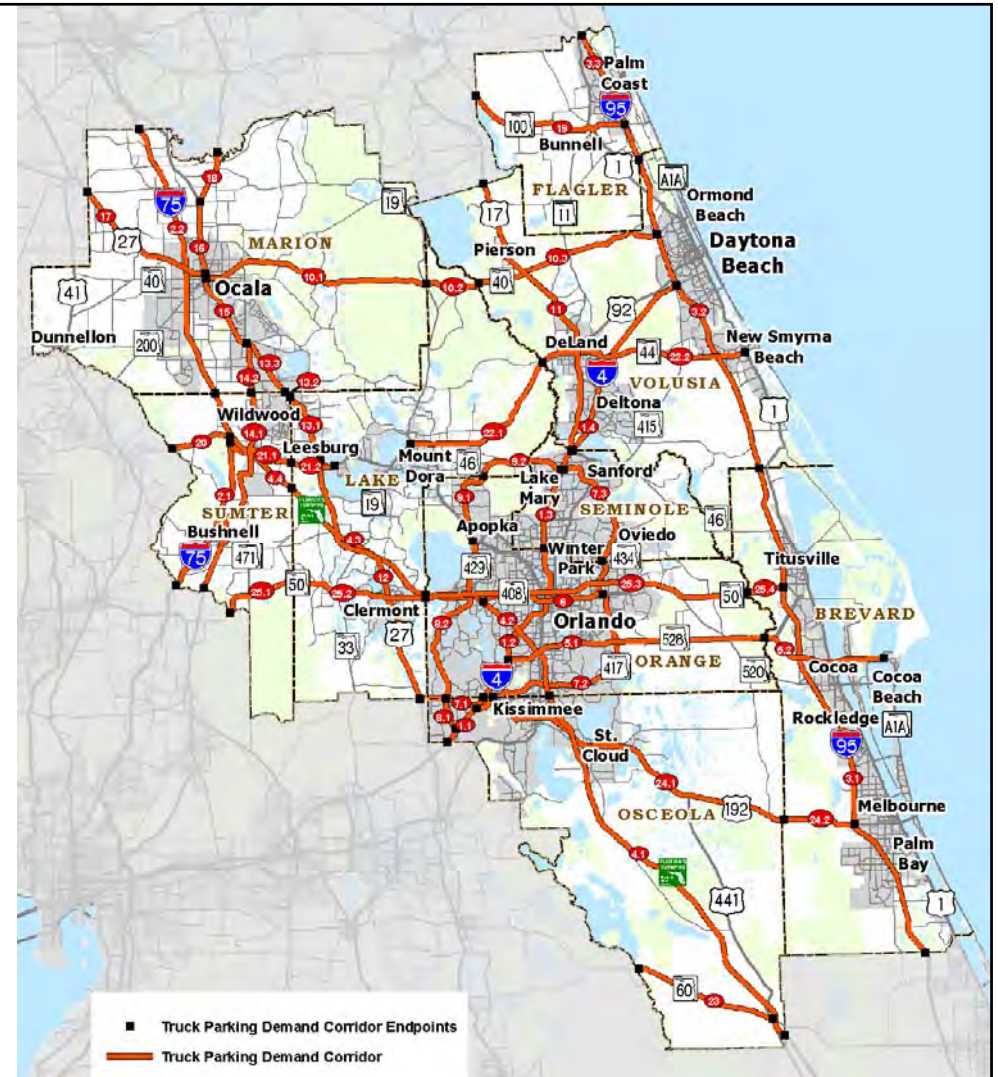


# STUDY NETWORK

## Regional Freight Subsystem

- FDOT Strategic Intermodal System (SIS) Corridors
- National Highway Freight Network
- Other Significant Freight & E/W Corridors

SIS carries more than 70 percent of all truck traffic on the State Highway System












**05** NEXT STEPS



## STATUS REPORT

-  Partner & Stakeholder Engagement
-  Develop Inventory of Existing Truck Parking
-  Evaluate Truck Parking Supply & Demand
-  Document Sample Truck Parking Usage
-  Forecast Future Truck Parking Demands
-  Identify Needs, Opportunities & Next Steps

**Legend:**  Task Complete  Task In-Progress





## ENGAGEMENT NEXT STEPS

- Stakeholder Meeting #2: Late February
  - Existing Truck Parking Inventory
  - Demand Estimation Approach
  - Preliminary Findings
- Stakeholder Meeting #3: Late March
  - Regional Truck Parking Needs
  - Opportunities, Roles, and Responsibilities

## TECHNICAL NEXT STEPS

- Documentation of demand estimation approach and findings
- Identification of truck parking needs
- Screening of publicly-owned lands
- Development of study recommendations and improvement strategies
- Complete Documentation and Report



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